



MERIONETH COUNTY COUNCIL

Public Health Report

for the year

1959

*Medical Department,
County Offices,
Dolgellau.*

W. F. GAPPER,
B.Sc., M.B., CH.B., D.P.H.
Medical Officer of Health.

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DOLGELLAU

To : *The Chairman, Aldermen and Councillors
of the Merioneth County Council.*

Mr. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present my Annual Report for the year 1959.

The Registrar's mid-year estimated population showed an increase of 500.

While the birth rate was lower than that of England and Wales it showed an increase over the previous year, being the highest since 1949.

The Infant Mortality rate, neo-natal death rate (under four weeks) and the still-birth rate were all lower than the rates for England and Wales. There was one maternal death making the Maternal Mortality rate much higher than that of England and Wales.

The death rate from Pulmonary Tuberculosis of 0.10 per 1,000 population was the lowest ever recorded. This does not call for complacency as more new cases were notified than in each of the previous three years.

The number of deaths from cancer of 83 showed a marked decrease from 107 last year, and the death rate from this cause of 2.15 per 1,000 population was the lowest since 1947.

There were no cases of diphtheria or enteric fever. While there was a slight increase in Scarlet Fever to 16 cases there was a marked reduction in the number of measles and whooping cough. There were no deaths from any of these diseases.

I am grateful to the County Council members and especially the members of the Health Committee for their support and encouragement.

I wish to record my thanks to the General Practitioners, other County Council departments, voluntary workers and members of my department for their helpful co-operation.

I am,

Your obedient Servant,

W. F. GAPPER

County Medical Officer of Health

November, 1960

HEALTH COMMITTEE

Chairman : Alderman E. Elias Jones

Vice-Chairman : Councillor Mrs. Gwyneth Evans

Chairman and Vice-Chairman of the County Council

Aldermen :

R. R. Davies
Thomas E. Jenkins

R. D. Jones

Councillors :

W. T. Evans
R. O. Griffith
R. P. Lloyd-Griffith
Rev. Cadvan Jones
J. S. Jones
O. T. Jones
W. A. Meredith

J. Llewelyn Owen
H. O. Powell
Alun M. Roberts
Miss Annie Roberts
J. Arthur Williams
Lewis Williams
Rev. T. Alun Williams

W. R. Webb

Members of the Care Committee, Home Help and Nursing Sub-Committee

Aldermen :

R. R. Davies
T. E. Jenkins

Evan Elias Jones
R. D. Jones

Councillors :

Mrs. G. Evans
R. O. Griffith
R. P. Lloyd Griffith
Rev. Cadvan Jones

W. A. Meredith
Alun M. Roberts
J. Arthur Williams
Rev. T. Alun Williams

PUBLIC HEALTH OFFICERS OF THE AUTHORITY

Whole Time Officers

County Medical Officer of Health and Principal School Medical Officer
W. F. Gapper, B.Sc., M.B., CH.B., D.P.H.

District Medical Officer of Health and Assistant County Medical Officer of Health :
Evan F. W. Richards, M.R.C.S., L.R.C.P., D.P.H.

Assistant County Medical Officer of Health and School Medical Officer :
Watcyn R. Williams, B.Sc., M.B., B.Ch., D.T.M. & H., D.P.H.

Superintendent Nursing Officer :
Mrs. Eleanor Owen, S.R.N., S.C.M., Q.S., H.V.

Assistant to the Superintendent Nursing Officer :
Mrs. K. Mills Jones, S.R.N., S.C.M., Q.S., H.V.

Dental Surgeons :
E. Clwydwyn Jones, L.D.S.
Brynle Hughes, L.D.S.

Dental Attendants :
Mrs. M. Davies.
Miss Gwyneth Leeds.

School Nurse :
Miss Gwen Humphreys, S.R.N. (Retired April, 1959)
Miss Olwen Gittins, S.R.N., S.C.M., Q.S., H.V. (Appointed May, 1959)

Tuberculosis Health Visitor :
Miss Z. M. Evans, S.R.N. (Retired May, 1959)
Miss Margaret W. Evans, S.R.N., S.C.M., Q.S., H.V. (Appointed June, 1959)

Health Visitors and District Nurse/Midwives (Combined) :

Miss M. E. Davies	...	...	...	Dyffryn Ardudwy
Mrs. Ella M. Hughes	...	...	...	Blaenau Ffestiniog
Mrs. C. Evans	...	...	...	Dinas Mawddwy
Miss A. J. Evans	...	...	...	Celynin
Miss A. Fielding	...	...	...	Blaenau Ffestiniog
Miss Eluned Griffiths	...	...	...	Corris
Mrs. Enid Evans	...	...	...	Llanegryn (Resigned 16th May, 1959)
Miss M. P. Griffith	...	...	...	Harlech
Miss S. C. Griffith	...	...	...	Barmouth
Miss Gwen Morgan Jones	...	...	...	Bala
Miss Megan Jones	...	...	...	Corwen
Mrs. C. Downes	...	...	...	Corwen (Appointed 11th June, 1959)
Miss M. R. Davies	...	...	...	Corwen (Resigned 31st March, 1959)
Miss A. E. Parry	...	...	...	Penrhyndeudraeth
Miss Ceridwen Roberts	...	...	...	Llan Ffestiniog
Miss Jane M. P. Evans	...	...	...	Llan Ffestiniog
Mrs. E. M. Roberts	...	...	...	Trawsfynydd
Miss F. A. Catherwood	...	...	...	Towyn
Miss Margaret H. Roberts	...	...	...	Dolgellau
Miss Glenys Jones	...	...	...	Relief Nurse
Miss C. P. Thomas	...	...	...	Aberdovey (Appointed May, 1959)
Miss Mair W. Evans	...	...	...	Relief Nurse

Ambulance Officer :
Idris Lloyd Williams

Clerical Staff :

Miss M. J. Jones.
Miss E. Eirianwy Roberts.
Miss Elizabeth W. Jones.
Miss M. Elwen P. Evans.
Miss Iola Jones.
Miss Mair Thomas.
Mr. Harry Devey.

Part-time Officers

The following were the Medical Officers of the Infant Welfare Centres :—

Abergynolwyn	...	...	...	...	Dr. E. F. W. Richards (Assistant C.M.O.H.)
Aberdovey	...	...	...	...	Dr. M. E. Parry
Bala	...	...	...	...	Dr. R. Jones
Barmouth	...	...	...	...	Dr. James May
Corris	...	...	...	...	Dr. H. C. Pierce
Corwen	...	...	...	...	Dr. D. G. Roberts
Dolgellau	...	...	...	...	Dr. N. A. Thomas
Dyffryn Ardudwy	...	...	...	...	Dr. James May
Blaenau Ffestiniog	...	...	...	...	Dr. W. Pritchard
Harlech	...	...	...	...	Dr. C. Austin
Llan Ffestiniog	...	...	...	...	Dr. D. M. Evans
Penrhyndeudraeth	...	...	...	...	Dr. I. W. Griffith
Towyn	...	...	...	...	Dr. G. K. Davies
Trawsfynydd	...	...	...	...	Dr. Gwennie Williams

Ophthalmic Surgeons :

G. L. Harper, Abergele.
T. G. Wynne Parry, Bangor.
G. Laszlo, Bangor.
Mrs. Enid Hughes, Ruthin.
Mrs. Davies Thomas, Aberystwyth.

Ear, Nose and Throat Specialists :

John Roberts, Bangor.
R. Barraclough, Wrexham.

Orthopaedic Surgeons :

Rowland Hughes, F.R.C.S., Robert Jones and Agnes Hunt, Orthopaedic Hospital, Gobowen.

Mental Health Service :

J. H. O. Roberts, M.D. (Lond.), D.P.M.
G. Williams, M.D. (Lond.), D.P.M.
Psychologists: Dr. E. Simmons and Dr. G. A. V. Morgan
Psychiatric Social Worker : Miss P. M. Hammond.

Duly Authorised Officers :

Mr. Idwal H. Jones (Retired March, 1959)
Mr. Ieuan Ll. Roberts, (Appointed March, 1959)
Mr. W. G. Williams.
Mr. T. P. Jones (Appointed October, 1959)
Mr. I. O. R. Jones (Appointed October, 1959)

Consulting Obstetricians:

O. Vaughan Jones, M.D., F.R.C.S., F.R.C.O.G.
J. Gardiner Wigley.

Consulting Paediatrician:

Gwyn R. Griffith, M.D., F.R.C.P., D.P.H., D.C.H.

Chest Physicians :

G. O. Thomas, M.D.
E. Clifford Jones, M.B., B.S., M.R.C.S.

Glyn Jones, M.D.

Consulting Venereologist:

H. Vernon Williams, M.R.C.S., L.R.C.P.

Officers of the County Council:

Member of the County Council	...	D. W. Jones-Williams.
Deputy Clerk of the County Council		I. Lloyd Jones.
County Treasurer	... ..	A. A. Hemphill.
County Architect	... ..	N. Ll. Jones.
Chief Inspector of Food and Drugs		R. T. Edwards.
Public Analyst	... ..	Harold Lowe, M.Sc., F.R.I.C.
Children's Officer	... ..	Mrs. A. Humphrey Jones.
Fire Officer	... ..	T. E. Jones.

EXTRACTS FROM VITAL STATISTICS

Registrar General's estimated population for mid-year 1959...38,600
 1951 Census41,460

Total M. F.

Live Births 572 295 277 Birth rate per 1,000
 estimated population
 14.82

Birth rate England and Wales 16.5

Still Births... .. 10 4 6 Rate per 1,000 Total
 Live and Still Births
 17.18

Still Births—England and Wales 21.0

Total Live and Still Births 582 299 283

Infant Deaths 11 4 7 Infant mortality rate
 per 1,000 live births
 19.23

Infant Mortality Rate for England and Wales 22.2

Infant Mortality Rate for Wales 26.3

Deaths—legitimate Infants 11 4 7 Infant mortality rate
 per 1,000 of legitimate
 infants : 20.37

Deaths—illegitimate Infants — — — Infant mortality rate
 per 1,000 illegitimate
 infants : Nil.

Neo-natal deaths 8 4 4 Neo-natal mortality
 (first four weeks) rate per 1,000 live
 births : 13.98

Neo-natal Mortality (under four weeks of age)
 England and Wales ... 15.8

Illegitimate births ... 32 19 13 Illegitimate live births
 per cent. of total
 births : 5.59

Maternal deaths (including abortion) 1

Maternal mortality rate per
 1,000 live and still-births 1.77

Maternal mortality England and
 Wales 0.38

Illegitimacy Rate was 55.9 per 1,000 live births.

Illegitimacy Rate for England and Wales was — 51.

TABLE I.

giving the population in 1959 (estimated), and the population as enumerated at the Census 1951, rateable value, and the product of a penny rate in the county, and the several County Districts.

	Population (estimated) by Registrar General 1959	Population Census 1951	Rateable value as at 1.4.60	Estimated Product of a penny rate as at 1.4.60
County of Merioneth	38,600	41,465	361,212	1,394
Total Urban Districts	17,240	17,634	176,645	675
Total Rural Districts	21,360	23,822	184,567	719
Urban Districts				
Bala	1,550	1,508	15,767	62
Barmouth	2,310	2,466	34,530	133
Dolgellau	2,470	2,246	27,197	104
Ffestiniog	6,550	6,923	51,887	190
Towyn	4,360	4,491	47,264	186
Rural Districts				
Deudraeth	6,670	7,131	64,859	256
Dolgellau	7,900	9,666	75,653	300
Edeyrnion	4,070	4,195	30,893	116
Penllyn	2,720	2,830	13,162	47

TABLE II.

Population :

Population of the County, the total Urban and Rural Districts, and of the several County Districts for the years 1955-59.

	1955	1956	1957	1958	1959
County of Merioneth	40,000	40,580	39,080	38,100	38,600
Total Urban Districts	17,340	17,100	16,970	16,900	17,240
Total Rural Districts	22,660	23,480	22,110	21,200	21,360
Urban Districts					
Bala	1,510	1,570	1,560	1,550	1,550
Barmouth	2,330	2,330	2,310	2,300	2,310
Dolgellau	2,510	2,490	2,480	2,470	2,470
Ffestiniog	6,620	6,540	6,490	6,430	6,550
Towyn	4,370	4,170	4,130	4,150	4,360
Rural Districts					
Deudraeth	6,640	6,640	6,600	6,580	6,670
Dolgellau	9,060	9,900	8,670	7,820	7,900
Edeyrnion	4,110	4,080	4,090	4,080	4,070
Penllyn	2,850	2,860	2,750	2,720	2,720

TABLE III.

Giving the principal causes of deaths, with the numbers in the County, Urban and Rural Districts, with percentage of the total deaths in 1959.

Col. 1	Number of deaths 1959			Deaths in Urban Dist- ricts	Deaths in Rural Dist- ricts	Percen- tage of total deaths in 1959
	Total	Males	Fe- males			
	2	3	4	5	6	7
Heart Diseases ..	163	81	82	80	83	29.90
Other diseases of the circulatory system	33	16	17	16	17	6.05
Cancer	83	36	47	39	44	15.23
Vascular lesions of the nervous system ..	102	38	64	46	56	18.71
Nephritis and Neph- rosis	9	6	3	4	5	1.65
Pulmonary Tuber- culosis	4	4	—	3	1	0.73
Bronchitis	19	16	3	12	7	3.49
Pneumonia	8	3	5	3	5	1.47
Influenza	12	7	5	9	3	2.20

TABLE IV

Showing the total number of deaths, and for each sex, in the County Districts, with the rates per 1,000 of population for 1959 and for the previous nine years.

	1959 Number of deaths			Death Rate per 1,000 population 1959	Death rates per 1,000 of population									
	Males		Females		Total	1950	1951	1952	1953	1954	1955	1956	1957	1958
	2	3	4											
Col. 1				5	6	7	8	9	10	11	12	13	14	
England and Wales ..	269,876	257,772	527,648	11.6	11.6	12.5	11.3	11.4	11.3	11.7	11.7	11.5	11.7	
County of Merioneth	259	286	545	14.11	14.90	15.81	13.64	14.05	14.58	14.28	13.79	13.97	15.33	
Total Urban Districts	116	142	258	14.96	15.93	16.92	13.90	14.70	15.13	14.94	16.08	13.61	15.44	
Total Rural Districts	143	144	287	13.43	14.12	14.98	13.44	13.56	14.16	13.77	12.13	14.20	15.23	
Urban Districts														
Bala ..	13	8	21	13.54	15.10	14.79	16.61	15.18	14.0	19.87	15.28	13.46	16.12	
Barmouth ..	16	24	40	17.31	13.18	14.79	15.72	14.22	17.57	15.45	16.31	15.58	15.22	
Dolgellau ..	14	20	34	13.76	13.31	16.57	11.16	13.10	11.07	14.34	12.04	14.11	11.34	
Ffestiniog ..	52	59	111	16.94	20.22	19.94	15.47	16.59	18.62	15.41	18.96	14.17	19.13	
Towyn ..	21	31	52	11.92	11.85	14.29	11.17	12.94	11.29	12.59	14.16	11.37	12.05	
Rural Districts														
Deudraeth ..	49	48	97	14.54	14.72	17.35	17.79	16.78	18.37	16.73	16.11	19.09	18.39	
Dolgellau ..	49	50	99	12.53	12.52	11.71	10.44	11.53	10.47	11.81	8.78	11.64	14.58	
Edeyrnion ..	32	35	67	16.46	16.13	16.26	12.61	14.07	17.96	15.96	14.21	14.42	14.70	
Penllyn ..	13	11	24	8.82	14.21	17.15	12.45	9.65	10.00	10.53	11.54	10.18	10.29	

	Col. 1	1959 Number of deaths			Deaths Rate per 1,000 of population 1959	Death rates per 1,000 of estimated population in the years						
		Males		Fe- males		Total	1954	1955	1956	1957	1958	
		2	3									4
				5		6	7	8	9	10		
County of Merioneth ..												
	2.15	2.61	2.35	2.76	2.15	2.81		
Total Urban Districts												
	2.26	2.87	2.42	2.56	2.12	2.96		
Total Rural Districts												
	2.06	2.42	2.29	2.17	2.17	2.69		
Urban Districts :												
Bala	3.22	4.67	3.31	2.55	1.28	3.22		
Barmouth	2.60	2.15	2.58	3.43	1.29	3.48		
Dolgellau	1.62	2.37	1.59	2.41	2.01	1.21		
Ffestiniog	3.05	3.15	2.41	4.43	2.15	3.89		
Towyn	0.91	2.48	2.52	3.35	2.90	2.17		
Rural Districts :												
Deudraeth	2.09	3.16	2.56	3.16	2.42	2.89		
Dolgellau	2.53	1.91	1.99	1.51	2.31	2.81		
Edeyrnion	1.47	2.67	2.19	3.18	1.22	2.69		
Penllyn	1.47	1.79	2.81	0.70	2.55	1.84		

TABLE VI.

The following Table gives the sites of Cancer and the number who died (male and female) in each Sanitary District in the County in 1959.

		Cancer of uterus		Cancer of stomach		Cancer of breast		Cancer of lung and bronchus		Cancer of all other sites		Total both sexes
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Col. 1												
County of Merioneth	—	3	4	5	6	7	8	9	10	11	12
Total Urban Districts	..	—	1	2	6	—	3	6	—	7	14	39
Total Rural Districts	..	—	1	4	6	—	2	8	—	9	14	44
Urban Districts :												
Bala	—	—	—	1	—	—	1	—	2	1	5
Barmouth	—	—	—	—	—	—	2	—	1	3	6
Dolgellau	—	—	1	—	—	1	—	—	1	1	4
Ffestiniog	—	1	1	5	—	1	2	—	2	8	20
Towyn	—	—	—	—	—	1	1	—	1	1	4
Rural Districts :												
Deudraeth	—	—	1	3	—	—	4	—	2	4	14
Dolgellau	—	1	2	1	—	2	4	—	3	7	20
Edeyrnion	—	—	1	—	—	—	—	—	2	3	6
Penllyn	—	—	—	2	—	—	—	—	2	—	4

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

Laboratory Facilities

The Public Health Laboratories at Aberystwyth and Conway continued to give excellent service during the year.

Ambulance

The Council authorised the purchase of four new Ambulances during the year and delivery was effected early in 1960.

Seven of the full-time Ambulance Drivers qualified for the National Safe Driving Award.

The Ambulance service continued to provide satisfactory service. Some members of the public are still unaware of the type of cases entitled to the free use of this service. Applications had to be refused from persons who were capable of travelling by public transport but most of the General Practitioners have co-operated fully with the Ambulance Officer.

AMBULANCE SERVICE

Work carried out by the Ambulance Service during the year 1959

Station	No. of am- bulances	No. of Utilecon	Full-time Drivers	Part-time Drivers	Stretcher Cases	Sitting Cases	Total Patients	Journeys	Mileage
Dolgellau	3	1	4	—	508	1838	2346	922	89724
Blaenau Ffestiniog	3	—	3	—	576	2795	3371	1065	52679
Corwen	1	—	—	1	118	563	681	267	18503
Penrhyndeudraeth	1	—	—	1	161	1120	1281	332	17780
Towyn	—	1	—	1	156	589	745	336	14140
Barmouth	—	1	—	1	83	442	525	209	14260
Bala	—	1	—	1	78	260	338	168	10907
TOTAL	8	4	7	5	1680	7607	9287	3299	217993

HIRED SITTING-CASE CARS

1957			1958			1959		
Journeys	Patients	Mileage	Journeys	Patients	Mileage	Journeys	Patients	Mileage
140	302	1793	84	164	1394	60	108	1163
Own Sitting-case Car (Dolgellau)			36	80	1178	138	303	6140
			120	244	2572	198	411	7303

Total number of patients, journeys and mileage for 1959 by County Council vehicles and "sitting-case" cars, with comparative figures for 1957 and 1958 :—

			1957	1958	1959
Total Patients	...	...	11,059	10,207	9,698
Total Journeys	...	...	3,549	3,548	3,497
Total Mileage	...	...	217,252	218,461	225,296

Patients conveyed to Distant Hospitals and Towns

<i>Destination</i>	<i>No. of Patients</i>	<i>Journeys</i>	<i>Mileage</i>	<i>Ambulance Station</i>
Liverpool	88	54	10,361	Dolgellau
	91	36	6,330	Bl. Ffestiniog
	1	1	108	Bala
	1	1	160	Penrhyndeudraeth
Llandrindod Wells	25	9	1,907	Dolgellau
Manchester ..	10	7	1,592	Dolgellau
	7	4	655	Corwen
Carmarthen ..	2	2	371	Dolgellau
	1	1	220	Towyn
Birmingham ..	2	1	374	Dolgellau
Cardiff	1	1	287	Dolgellau
Lampeter	1	1	139	Towyn
	230	118	22,504	

Patients conveyed by rail

Ten patients were conveyed by Rail during the year 1959 :—

Birmingham	...	...	...	2
Cardiff	...	...	...	1
Liverpool	...	...	...	3
London	...	...	...	2
Wrexham	...	...	...	2

Merioneth patients conveyed by Other Authorities during the year 1959

<i>Authority</i>	<i>Stretcher Cases</i>	<i>Ambul- ance Journeys</i>	<i>Ambulance Mileage</i>	<i>Sitting Cases</i>	<i>Sitting Car journeys</i>	<i>Sitting Car Mileage</i>
Denbighshire ..	5	3	142	5	4	118
Glamorgan ..	1	1	18	—	—	—
Caernarvonshire	2	2	218	1	1	72
	8	6	378	6	5	190

Patients conveyed by Merioneth Ambulances on behalf of other Authorities during the year 1959

<i>Authority</i>	<i>Stretcher Cases</i>	<i>Sitting Cases</i>	<i>Total Patients</i>	<i>Journeys</i>	<i>Mileage</i>	
					<i>Ambul- ance</i>	<i>S/C</i>
Caernarvonshire						
County Council ..	76	8	84	78	3223	4
Merioneth Education Committee ..	—	27	27	10	—	207
Merioneth Welfare Committee ..	—	12	12	1	—	17
Flintshire County Council ..	—	2	2	2	—	5
Anglesey C.C. ..	—	2	2	2	—	6
Montgomery C.C. ..	3	—	3	3	49	—
Orthopaedic Hospital, Gobowen ..	—	1	1	1	—	13
	79	52	131	96	3272	25

Total number of patients removed by County Council vehicles, hired " sitting-case " cars, train and other Authorities :—

	1957	1958	1959
Patients	11,082	10,248	9,221
Journeys	3,571	3,587	3,171
Mileage	219,144	221,540	226,841

Venereal Diseases

One clinic is held in the County at Blaenau Ffestiniog Hospital by a Consultant from Bangor.

SANITARY CIRCUMSTANCES OF THE AREA

Housing

New housing throughout the County was at a slow rate due to financial reasons. Local Authorities however, were examining the possibility of purchasing older properties and converting and improving them. Plans were in hand for the provision of bungalows for old people, which would release accommodation for larger families.

SCHEME FOR WATER SUPPLIES AND SEWERAGE

The County Council resolved during the 1959/60 Financial Year to make the following provisional grants to the various District Councils towards schemes submitted by the Councils (payable half-yearly over 30 years).

———— **NIL** ————

NURSING IN THE HOMES, MIDWIFERY AND HEALTH VISITING

Home Nursing

It will be seen from Table XX that there was a slight decrease in the number of patients visited, also in the number of visits made compared with the previous year. Of the 38,450 visits paid to patients during the year, 16,046 were for the purpose of giving injections.

Midwifery

Only 65 babies out of a total of 572 were born at home. 19 were born in Institutions within the County while 314 were born outside the County. All midwives were qualified to administer Gas and Air analgesia and each is provided with the necessary apparatus.

Health Visiting

Table XIX shows the number of visits paid by the Health Visitors. The total number of Health Visits paid to children under 5 years of age was 8,050 which is a slight decrease on the previous year.

SOCIAL WELFARE

The Welfare Officer is in charge of the Welfare Department, and is responsible to the County Council through the Welfare committee. Welfare schemes for the aged, blind, deaf and other disabled persons are being run by the County Council. There are three Homes for the Aged at Barmouth, Bala and Towyn respectively, and part of Bronygarth, Penrhyndeudraeth, is available for the aged.

A Teacher for the Blind visits all registered blind persons, of whom there were 104 on the register at the end of the year. A Visitor/Craft Instructor teaches handicrafts to the disabled. The North Wales Society for the Blind and the Chester and North Wales Deaf and Dumb Society co-operate with the Welfare Department.

The Children's Officer is responsible to the Children's Committee for children committed to the care of the Council, etc. The Council has one Children's Home at Llan Ffestiniog. There has been close co-operation between Officers of the Welfare and Children's Departments and the Health Department.

The Care Committee, a sub-Committee of the Health Committee, provides assistance in kind to the sick and ailing. In the financial year 1959/60 the Committee spent £2,520 on after-care.

The Voluntary Old People's Welfare Committee under the auspices of the Merioneth Social Services Committee provided assistance to a few needy cases, as well as a Chiropody Service throughout the County. The days and places of the clinics are as follows :—

CHIROPODY CLINICS

<i>Centre</i>	<i>Clinic</i>	<i>Times</i>	<i>Day</i>
Aberdovey	The Institute	10 a.m.—1 p.m. 2 p.m.—5 p.m.	First Thursday following second Wednesday in each month.
Corwen	Aelwyd yr Urd	9.30 a.m.—3.30 p.m.	First Thursday in each month.
Blaenau Ffestiniog	Isallt Clinic	9.30 a.m.—12.30 p.m. 1.30 p.m.—2.30 p.m.	First Friday in each month. Third Wednesday in each month.
Harlech	Cemlyn	9 a.m.—12 noon 1 p.m.—2.30 p.m.	Second Wednesday in each month.
Dolgellau	British Red Cross H.Q.	9.30 a.m.—12.30 p.m. 1.30 p.m.—2.30 p.m.	First Wednesday in each month. Third Friday in each month.
Towyn	The Institute	10.30 a.m.—1.15 p.m.	Second Wednesday in each month.
Bala	Hafan Clinic	9 a.m.—3 p.m.	Third Thursday in each month.
Barmouth	Nurse's Surgery	9.30 a.m.—12.30 p.m.	Last Friday in each month.
Penrhyndeudraeth	Linares	By appointment with Chiropodist	
Llan Ffestiniog	Caban	9.30 a.m.—12.30 p.m.	Fourth Wednesday every other month.
Corris	The Surgery	3 p.m.—6 p.m.	Second Wednesday in each month.
Abergynolwyn	The Institute	10 a.m.—1 p.m.	The Friday following the second Wednesday every other month.
Trawsfynydd	Arwel	9.30 a.m.—12.30 p.m.	The fourth Wednesday every other month.

IMMUNISATION AGAINST DIPHTHERIA

Table VII shows the number of children immunised up to the end of the year 1959. The immunity index for children aged 1 to 4 was 60.24 and 11.85 for those under one year of age. The estimated mid-year child population aged 5 to 14 was 5,400 and of these 4,574 (or approximately 85%) had been immunised against diphtheria.

VACCINATION AGAINST WHOOPING COUGH

Table VIII shows the number of children vaccinated against Whooping Cough during the year. A total of 327 children under the age of 4 years were vaccinated.

VACCINATION AGAINST SMALL-POX

The number of vaccinations against Smallpox is shown on Table IX. 373 Primary Vaccinations and 58 Re-vaccinations were given. Of the Primary Vaccinations, 344 were given to children under the age of 15 years. All these figures show an increase on those for the previous year.

VACCINATION AGAINST POLIOMYELITIS

Table X gives the figures for Vaccination against Poliomyelitis. From this it will be seen that of children under 4 years, 1602 had received two injections and 1041 had received a third injection ; in the age group 4-15 years, 5401 had had two injections and 4585 three injections, and in the upper age group 16-26, 1091 had had two injections and 390 three injections. 135 others had had two injections and 42 three injections. These included expectant mothers, ambulance drivers, doctors and doctors' families.

The immunity index for children from 1-4 years was 40.04, and for children 4-15 years 84.9.

TABLE VII
IMMUNISATION AGAINST DIPHTHERIA

				<i>No. of children immunised</i>				<i>Total</i>
				<i>Aged under 1</i>	<i>1-4</i>	<i>5-9</i>	<i>10-14</i>	
County of Merioneth	..	..	..	64	1241	2133	2441	5879
Total Urban Districts	..	..	..	28	579	1008	1021	2636
Total Rural Districts	..	..	..	36	662	1125	1420	3243
Urban Districts:								
Bala ..	..	..	..	6	89	125	126	346
Barmouth ..	..	..	..	4	92	182	146	424
Dolgellau ..	..	..	..	3	74	132	150	359
Ffestiniog ..	..	..	..	10	155	271	383	819
Towyn..	..	..	..	5	169	298	216	688
Rural Districts:								
Deudraeth ..	..	..	..	19	261	396	477	1153
Dolgellau ..	..	..	..	13	236	400	487	1136
Edeyrnion ..	..	..	..	2	67	177	273	519
Penllyn ..	..	..	..	2	98	152	183	435

TABLE VIII
VACCINATION AGAINST WHOOPING COUGH

<i>District</i>	<i>Number of children vaccinated during year ended 31st December, 1959</i>		
	<i>Aged 0-4 years</i>	<i>Aged 5-14 years</i>	<i>Total</i>
Bala U.D.	20	—	20
Barmouth U.D.	27	1	28
Dolgellau U.D.	34	—	34
Ffestiniog U.D.	34	1	35
Towyn U.D.	40	—	40
Deudraeth R.D.	64	—	64
Dolgellau R.D.	69	4	73
Edeyrnion R.D.	9	—	9
Penllyn R.D.	30	—	30
	327	6	333

TABLE IX VACCINATION—SMALL POX—1959

	Number of successful primary vaccination					Number of successful re-vaccinations of persons						
	Under 1 year of age	1 year	2-4 years	5-14 years	15 yrs. and over	Totals	Under 1 year of age	1 year	2-4 years	5-14 years	15 yrs. and over	Totals
Dr. C. Austin	22	1	4	2	—	29	—	—	—	—	—	—
Dr. C. Jones	2	—	—	—	—	2	—	—	—	—	—	—
Dr. Roger Davies	13	—	—	3	3	19	—	—	—	—	—	—
Dr. G. K. Davies	20	3	3	—	1	27	—	—	1	1	4	6
Dr. Tibbott Davies	6	3	3	3	—	15	—	—	—	2	8	10
Dr. R. W. Edwards	4	—	1	1	1	7	—	—	—	1	2	3
Dr. D. M. Evans	12	5	6	—	—	23	—	—	—	—	—	—
Dr. I. W. Griffith	3	—	—	—	—	3	—	—	—	3	4	7
Dr. Trevor Hughes	2	—	—	—	1	3	—	—	—	—	—	—
Dr. H. R. Jones	12	—	—	—	—	12	—	—	—	—	1	1
Dr. M. P. Jones	1	—	—	—	—	1	—	—	—	—	—	—
Dr. I. Merfyn Jones	13	2	—	4	5	24	—	—	—	—	4	4
Dr. Robert Jones	35	—	—	1	2	38	—	—	—	—	—	—
Dr. J. H. M. Lloyd	2	—	—	1	1	4	—	—	—	—	—	—
Dr. James May	15	—	2	1	2	20	—	—	—	3	4	7
Dr. D. M. Maxwell	8	—	—	—	4	12	—	—	—	—	6	6
Dr. C. V. Lewis	1	—	—	—	—	1	—	—	—	—	2	2
Dr. H. D. Owen	5	1	—	—	2	8	—	—	—	—	1	1
Dr. M. E. Parry	—	—	—	—	—	—	—	—	—	—	1	1
Dr. H. C. Pierce	8	—	2	2	—	13	—	—	—	—	2	2
Dr. O. M. Prichard	15	—	—	—	1	17	—	—	—	—	—	—
Dr. M. G. Satchwell	12	—	—	1	2	13	—	—	—	—	—	—
Dr. N. A. Thomas	25	1	2	3	—	31	—	—	—	—	—	—
Dr. C. C. M. Watson	3	—	—	—	—	3	—	—	—	—	2	2
Dr. D. O. Williams	13	—	1	4	4	22	—	—	—	1	2	3
Dr. Gwennie Williams	20	4	2	—	—	26	—	—	—	—	1	1
TOTALS	272	20	26	26	29	373	—	—	1	11	46	58

POLIOMYELITIS VACCINATION—TABLE X

Number vaccinated up to the 31st December, 1959

District	Age group 1955-1959		Age group 1943-1954		Age group 1933-1942		Others	
	Two Injections	No. of those in Col. (2) who received a 3rd injection	Two Injections	No. of those in Col. (4) who received a 3rd injection	Two Injections	No. of those in Col. (6) who received a 3rd Injection	Two Injections	No. of those in Col. (8) who received a 3rd Injection
Col. 1	2	3	4	5	6	7	8	9
Bala U.D.	97	58	235	203	57	18	5	2
Barmouth U.D.	91	69	310	256	104	19	16	3
Dolgellau U.D.	124	67	429	357	104	48	8	5
Ffestiniog U.D.	245	193	774	690	165	85	9	2
Towyn U.D.	149	97	588	444	165	62	34	13
Deudraeth R.D.	299	170	911	810	177	63	24	9
Dolgellau R.D.	288	217	995	913	191	56	18	5
Edeyrnion R.D.	143	73	680	558	80	22	6	2
Penlllyn R.D.	166	97	479	354	48	17	15	1
TOTALS	1602	1041	5401	4585	1091	390	135	42

MENTAL HEALTH SERVICES

Child Guidance Clinics were held on the second, fourth and fifth Mondays of each month at Isallt Clinic, Blaenau Ffestiniog, by a team from the North Wales Hospital for Nervous and Mental Disorders. The team consists of a Psychiatrist, a Psychologist and a Psychiatric Social Worker. Psychiatric Social Workers from the hospital pay periodic home visits to certain cases. The County Council contributes towards the cost of this service.

One Duly Authorised Officer retired during the year and two were appointed, the new appointment being at Corwen. There were then four Duly Authorised Officers to cover the County and they are at Dolgellau, Blaenau Ffestiniog, Bala and Corwen.

Preliminary work was done on formulating proposals to the Welsh Board of Health for Mental Health Services arising out of the new 1959 Mental Health Act.

EPILEPTICS AND SPASTICS

Reports are received periodically from various hospital clinics on Epileptic and Spastic Children. One girl was at the Maghull Home for Epileptics during the year.

TABLE XI

PARTICULARS OF MENTAL DEFECTIVES IN THE COUNTY

	Under 16 years of age		Aged 16 years and over	
	M.	F.	M.	F.
Particulars of cases reported during 1959 :				
(a) Cases at 31st December, 1959 ascertained "subject to be dealt with." Number in which action taken on reports by :—				
(1) Local Education Authorities on children—				
(i) While at school or liable to attend school	—	—	—	—
(ii) on leaving special schools	—	—	—	—
(iii) on leaving ordinary schools	—	—	—	—
(2) Police or by Courts	—	—	—	—
(3) Other sources	—	—	1	—
(b) Cases reported who were found to be defectives but were not, at 31st December, 1959, regarded as "subject to be dealt with" on any ground	—	—	—	—
(c) Cases reported who were not regarded as defectives or in which action was incomplete at 31st December, and are thus excluded from (a) and (b)	—	—	—	—
TOTALS	—	—	1	—
Disposal of cases reported during 1959 :				
(a) Of the cases ascertained to be defectives "subject to be dealt with" (i.e., at 1(a)) number—				
(i) Placed under Statutory Supervision	—	—	—	—
(ii) Placed under Guardianship	—	—	—	—
(iii) Taken to "Places of Safety"	—	—	—	—
(iv) Admitted to Hospital	—	—	1	—
(b) Of the cases not ascertained to be defectives "subject to be dealt with" number—				
(i) Placed under voluntary supervision	—	—	—	—
(ii) Action unnecessary	—	—	—	—
TOTALS	—	—	1	—

TABLE XI (Continued)

	<i>Under 16 years of age</i>		<i>Aged 16 years and over</i>	
	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>
3. Total cases on Authority's register at 31st December, 1959 :—				
(i) Under statutory supervision ..	—	—	—	—
(ii) Under Guardianship	—	—	—	—
(iii) In " Places of Safety "	—	—	—	—
(iv) In Hospitals	5	5	14	13
(v) Under voluntary supervision ..	8	3	16	27
TOTALS	13	8	30	40
4. Of the cases included in 3 considered suitable for :—				
(i) Occupation centre	4	1	2	7
(ii) Industrial centre	—	—	—	—
(iii) Home training	3	1	10	13
TOTALS	7	2	12	20

BLIND PERSONS

Number of blind persons on register on 31st December, 1959—91

<i>Age</i>	1-10	11-20	21-30	31-39	40-59	60-69	70—	<i>Total</i>
Males ..	1	—	—	4	11	21	23	60
Females ..	—	—	1	2	4	13	11	31

Follow up of registered blind and partially blind persons :

	<i>Cause of Disability</i>			
	<i>Cataract</i>	<i>Glaucoma</i>	<i>Retrolental Fibroplasia</i>	<i>Other</i>
1. Number of cases registered during the year in respect of which para. 7(c) of Forms B.D.8 recommends :—				
(a) No treatment	2	—	1	2
(b) Treatment (medical, surgical or optical) ..	1	1	—	1
2. Number of cases at (1)(b) above which on following up have received treatment ..	—	1	—	—

*Eight cases have died since the 31st December, 1959.

OPHTHALMIA NEONATORUM

No cases were notified during the year.

DENTAL TREATMENT

Number of children under school age treated by Dentist at school Clinics :—

Number of children examined	...	...	264
Number of children requiring treatment			152
Number of children treated	...	...	83

There were no maternity cases referred for dental treatment by the Dental Staff of the Council. Local dental practitioners are able to give priority treatment to expectant and nursing mothers and the mothers prefer to continue any treatment with their own dentists.

ANTE-NATAL AND POST-NATAL CLINICS

Ante-natal Clinics were held by Consultants by arrangements with the Regional Hospital Board at :—

laenau Ffestiniog	...	...	1st and 3rd Mondays in each month.
olgellau	...	...	2nd and 4th Mondays in each month.
owyn	...	...	Last Wednesday in each month.
ala	...	...	Second Wednesday in each month.

Attendances at the Ante-natal Clinics were as follows :—

	<i>Maternity</i>			<i>Gynaecology</i>		
	<i>New</i>	<i>Old</i>	<i>Post-natal</i>	<i>New</i>	<i>Old</i>	<i>Total</i>
Ffestiniog	147	479	40	54	85	805
olgellau ..	37	88	5	34	45	209
la	45	—	2	5	—	52
TOTAL ..	229	567	47	93	130	1066

The figures for the Towyn Clinic were not available.

TABLE XII

Number of Midwives practising in the area of the Local Supervising Authority on 31st December, 1959 :—

	<i>Domi- ciliary Midwives</i>	<i>Midwives in Instit- utions</i>	<i>Tot</i>
(a) Midwives employed by the Authority ..	22	—	22
(b) Midwives employed by Voluntary Organisations :—			
(i) Under arrangements with the Local Health Authority in pursuance of Section 23 of the National Health Service Act, 1946	—	—	—
(ii) Otherwise (including hospitals not transferred to the Minister under the National Health Service Act)	—	4	—
(c) Midwives employed by Hospital Management Committees or Boards of Governors under the National Health Service Act :—			
(i) Under arrangements with the Local Health Authority in pursuance of Section 23 of the National Health Service Act, 1946	—	—	—
(ii) Otherwise	—	6	—
(d) Midwives in Private Practice (including Midwives employed in Nursing Homes)	—	—	—
TOTALS	22	10	—

DOMICILIARY CASES						
	Doctor not booked		Doctor booked		Totals	Cases in Insti- tutions
	Doctor present at time of delivery of child	Doctor not present at time of delivery of child	Doctor present at time of de- livery of child	Doctor not present at time of delivery of child		
(a) Midwives employed by the Authority.. ..	6	23	16	20	65	—
(b) Midwives employed by Voluntary Organisations :—	—	—	—	—	—	—
(i) Under arrangements with the Local Health Authority in pursuance of Section 23 of the National Health Service Act, 1946 ..	—	—	—	—	—	83
(ii) Otherwise (including Hospitals not transferred to the Minister under the National Health Service Act)	—	—	—	—	—	—
(c) Midwives employed by Hospital Management Committees Boards of Governors under the National Health Service Act	—	—	—	—	—	110
(d) Midwives in Private Practice (inc. Midwives employed in Nursing Homes)	—	—	—	—	—	—
TOTAL	6	23	16	20	65	193

Number of cases delivered in institutions but attended by domiciliary midwives on discharge from the Institution before the fourteenth day—375.

MATERNITY OUTFITS

71 outfits were issued during the year. The outfits are issued free of cost to domiciliary cases.

DOMESTIC HELP SERVICE

Number of Home Helps employed on 31st December, 1959 :—

Full-time	...	...	...	...	—
Part-time	...	...	...	...	51

A total of 131 Home Helps were employed during the year. Number of cases for whom Home Helps were provided during year :—

(a)	Maternity (including expectant mothers)	...	2
(b)	Tuberculosis	... ..	4
(c)	Chronic Sick including aged and infirm	...	86
(d)	Others	... ..	17

The majority of cases for whom there is a demand for Home Helps are the chronic sick, aged and infirm. Several of these cases would not be able to reside at home without such help.

GAS AND AIR ANALGESIA

Number of Midwives practising in the area who are qualified to administer gas and air analgesia 21

Number of cases in which gas and air was administered by Midwives in Domiciliary Practice during the year :—

(a)	When a Doctor was not present at time of delivery of child	...	...	...	...	...	9
(b)	When a Doctor was present at the time of the delivery of the child	...	...	...	...	...	33

CHILD WELFARE CENTRES

There was an increase in the total attendances at the fourteen Centres in comparison with the previous year, but once again fewer children under 1 year of age attended. The Medical Officers for the clinics are, with one exception, local Medical Practitioners, the exception being the clinic at Abergynolwyn, where Dr. Richards, the Assistant County Medical Officer of Health is the Medical Officer.

WELFARE FOODS

Welfare Foods are available at the Welfare Clinics throughout the County. They are also distributed by Local Volunteers at various centres in the County, and we are indebted to these Volunteers for undertaking this valuable work.

The following Welfare Foods were distributed at the Centres during the year:—

National Dried Milk ...	...	13823
Cod Liver Oil ...	...	2149
Orange Juice ...	...	12294
A. and D. Tablets ...	...	1119

INFANT WELFARE CENTRES—TABLE XIV

Clinic	No. of sessions held	No. of children who first attended a centre during the year who were under 1 year of age	No. of children who attended during the year, and who were born in:			Total No. of children who attended during the year	No. of attendances during the year made by children who at the date of attendance were:				Total attendances during the year
			1959	1958	1957-54		Under 1 year	1 year & under 2	2 years & under 5		
Aberdovey ..	24	16	12	10	34	56	73	60	85	218	
Abergynolwyn ..	12	2	1	4	11	16	15	18	71	104	
Bala ..	26	45	33	40	15	88	320	60	21	401	
Barnmouth ..	27	33	26	27	51	104	316	183	247	746	
Corris ..	12	24	21	14	43	78	126	45	104	275	
Corwen ..	11	13	10	9	4	23	67	19	1	87	
Dolgellau ..	21	41	28	46	38	112	298	104	89	491	
Dyffryn ..	12	7	5	10	16	31	58	62	56	176	
Bl. Ffestiniog ..	26	61	51	37	11	99	461	23	8	492	
Llan Ffestiniog ..	11	21	7	17	11	35	75	25	20	120	
Harlech ..	12	23	18	20	14	52	130	32	28	190	
Penrhynudraeth ..	24	20	15	21	31	67	218	171	210	599	
Towyn ..	23	44	36	44	67	147	307	137	168	612	
Trawsfynydd ..	12	17	11	12	29	52	76	32	82	190	
TOTALS ..	253	367	274	311	375	960	2540	971	1190	4701	

TABLE XV—LIVE BIRTHS

	Total Registered births	Total notified births	Domiciliary Cases						Cases in Institution within the County
			Doctor not booked		Doctor booked			Total	
			Doctor present at time of delivery of child	Doctor not present at time of delivery of child	Doctor present at time of delivery of child	Doctor not present at time of delivery of child			
County of Merioneth	572	258	6	22	16	20	64	193	
Total Urban Districts	254	214	4	6	5	5	20	193	
Total Rural Districts	318	44	2	16	11	15	44	—	
Urban Districts :									
Bala ..	20	3	—	1	1	1	3	—	
Barmouth ..	33	50	—	—	—	—	—	50	
Dolgellau ..	33	84	—	—	—	—	—	83	
Ffestiniog ..	107	14	4	3	4	3	14	—	
Towyn ..	61	63	—	2	—	1	3	60	
Rural Districts :									
Deudraeth ..	107	19	2	10	4	3	19	—	
Dolgellau ..	96	8	—	2	5	1	8	—	
Edeyrnion ..	72	14	—	3	1	10	14	—	
Penllyn ..	43	3	—	1	1	1	3	—	

TABLE XVI

Giving the birth rate per 1,000 of population for the decennial period 1950-1959 in England and Wales and the County, and County Districts

	Col. 1	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
		2	3	4	5	6	7	8	9	10	11
England and Wales	..	15.8	15.5	15.3	15.3	15.2	15.0	15.6	16.1	16.4	16.5
County of Merioneth	..	13.20	13.82	13.00	14.81	12.76	13.20	13.79	13.69	13.99	14.82
Total Urban Districts	..	11.69	14.66	13.50	16.53	13.58	13.55	15.84	13.78	14.55	14.73
Total Rural Districts	..	14.33	13.19	12.63	13.51	12.13	12.93	12.30	13.61	13.54	14.88
Urban Districts :											
Bala	..	12.48	14.79	13.84	26.22	18.00	15.23	19.11	14.74	21.93	12.90
Barmouth	..	15.73	18.60	14.87	15.09	9.87	15.02	18.03	9.52	15.21	14.28
Dolgellau	..	8.51	12.22	11.56	19.06	14.62	14.34	14.86	14.91	16.59	13.36
Ffestiniog	..	11.31	14.55	11.79	13.60	12.76	11.03	16.67	15.10	14.46	16.33
Towyn	..	11.85	14.06	16.41	17.10	14.67	15.56	12.79	13.07	10.36	13.99
Rural Districts :											
Deudraeth	..	14.58	14.48	12.10	13.68	13.7	14.46	14.01	13.18	13.98	16.04
Dolgellau	..	13.89	10.51	9.38	12.39	9.8	10.38	9.39	10.84	12.79	12.14
Edeyrnion	..	17.09	17.22	18.91	14.07	16.02	16.06	11.27	18.58	12.75	17.69
Penllyn	..	12.08	13.58	15.30	16.08	10.10	12.98	19.93	16.00	15.81	15.80

TABLE XVII

showing the number of births, and the birth rates in the County, and in the County Districts, with the number of Illegitimate Births with the percentage of total births in the year 1959.

	<i>No. of Births registered 1959</i>			<i>Birth rate per 1,000 of estimated popula- tion</i>	<i>Illegitimate births</i>	
	<i>Males</i>	<i>Females</i>	<i>Total</i>		<i>No.</i>	<i>Per cent of total births</i>
<i>Col. 1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
County of Merioneth ..	295	277	572	14.82	32	5.59
Urban Districts	134	120	254	14.73	13	5.11
Rural Districts ..	161	157	318	14.88	19	5.97
Urban Districts :						
Bala ..	9	11	20	12.90	1	5.00
Barmouth ..	17	16	33	14.28	1	3.03
Dolgellau ..	14	19	33	13.36	—	—
Ffestiniog ..	59	48	107	16.33	8	7.47
Gwyn ..	35	26	61	13.99	3	4.91
Rural Districts :						
Deudraeth ..	48	59	107	16.04	4	3.73
Dolgellau ..	53	43	96	12.14	3	3.12
Llanydeyrnion ..	42	30	72	17.69	11	15.27
Llanfylllyn ..	18	25	43	15.80	1	2.32

TABLE XVIII

Giving the number of Still Births registered and notified with certain "still birth" rates, 1959

	No. of Still Births in Registrar General's Return	No. of cases of still births notified within the County by			No. of cases attended by Doctor and State Cert. Mids. in County	Still Birth Rates	
		Doctor	State Certified Midwives	Registrar of Births		per 1,000 population	per 1,000 Births—Live and Still Birth
<i>Col. 1</i>	2	3	4	5	6	7	8
County of Merioneth ..	10	—	1	—	1	0.26	17.18
Total Urban Districts ..	5	—	1	—	1	0.29	19.30
Total Rural Districts ..	5	—	—	—	—	0.23	15.48
Urban Districts :							
Bala ..	—	—	—	—	—	—	—
Barmouth ..	—	—	—	—	—	—	—
Dolgellau ..	1	—	—	—	—	0.40	29.41
Ffestiniog ..	2	—	—	—	—	0.30	18.34
Towyn ..	2	—	1	—	1	0.45	31.74
Rural Districts :							
Deudraeth ..	2	—	—	—	—	0.30	18.34
Dolgellau ..	1	—	—	—	—	0.13	10.30
Edeyrnion ..	2	—	—	—	—	0.49	27.02
Penllŷn ..	—	—	—	—	—	—	—

TABLE XIX

showing the number of Health Visits paid by part-time Health Visitors.

<i>Districts</i>	<i>Visits to Children 0-1 years of age</i>		<i>Visits to children 1-5 years of age</i>	<i>Total Health visits to children 0-5 years</i>
	<i>Primary visits</i>	<i>Total visits</i>		
dovey	13	84	169	253
mouth	53	372	632	1004
au Ffestiniog	31	206	295	501
s	79	461	688	1149
en	15	94	137	231
s Mawddwy	64	307	502	809
ellau	8	76	91	167
yn	62	393	686	1079
un	16	108	182	290
iniog	11	50	132	182
ch	23	193	345	538
gryn	31	168	192	360
ayndeudraeth	9	59	128	187
n	41	192	324	516
sfynydd	45	187	262	449
	15	132	203	335
TOTALS	516	3082	4968	8050

" No access " visits—354

TABLE XX—HOME NURSING

	<i>Medical</i>	<i>Surgical</i>	<i>Infectious Diseases</i>	<i>Tuberculosis</i>	<i>Maternal Complications</i>	<i>Others</i>	<i>Totals</i>	<i>Patients in- cluded in 2-7 who were 65 or over at time of first visit during the year</i>	<i>Children in- cluded in 2-7 who were under 5 years of age at time of first visit during the year</i>	<i>Patients in- cluded in 2-7 who have had more than 24 visits during year</i>
<i>Col. 1</i>	2	3	4	5	6	7	8	9	10	11
Number of cases attended by Nurses during the year	2058	357	8	9	15	58	2505	969	189	324
Number of visits paid by Nurses during the year	32993	4877	33	218	69	266	38450	18992	892	16686

TABLE XXI
INFANT MORTALITY, 1959

			Number of deaths of Infants at the different age periods											
			Under one week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks (1 month)	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total 2-12 months	Total under 12 months	Infant mortality rate per 1,000 live births
Col. 1			2	3	4	5	6	7	8	9	10	11	12	13
County of Merioneth			8	—	—	—	8	—	1	—	2	3	11	19.23
Total Urban Districts			2	—	—	—	2	—	1	—	—	1	3	11.81
Total Rural Districts			6	—	—	—	6	—	—	—	2	2	8	25.16
Urban Districts :														
Bala			—	—	—	—	—	—	—	—	—	—	—	—
Barmouth			—	—	—	—	—	—	—	—	—	—	—	—
Dolgellau			—	—	—	—	—	—	—	—	—	—	—	—
Ffestiniog			2	—	—	—	2	—	1	—	—	1	3	28.03
Towyn			—	—	—	—	—	—	—	—	—	—	—	—
Rural Districts :														
Deudraeth			1	—	—	—	1	—	—	—	1	1	2	18.69
Dolgellau			4	—	—	—	4	—	—	—	1	1	5	52.08
Edeyrnion			1	—	—	—	1	—	—	—	—	—	1	13.88
Penllyn			—	—	—	—	—	—	—	—	—	—	—	—

TABLE XXIII

Giving the causes of deaths of Infants under one year of age, and ages at death.

Causes of death	Number of deaths of infants at the several age periods.										
	Under one week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks (1 month)	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total 2-12 months	Total under 12 months
Col. 1	2	3	4	5	6	7	8	9	10	11	12
Bronchitis	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	—	—	—	—	—	—	—	—	—	—	—
Gastritis	—	—	—	—	—	—	—	—	—	—	—
Congenital malformations	—	—	—	—	—	—	1	—	—	1	1
Prematurity	—	—	—	—	—	—	—	—	—	—	—
Other defined or ill-defined causes ..	7	—	—	—	7	—	—	—	1	1	8
All other accidents	1	—	—	—	1	—	—	—	1	1	2
Total	8	—	—	—	8	—	1	—	2	3	11

TABLE XXIV—INFECTIOUS DISEASES

The number of cases of infectious diseases notified from each County District will be found in the following Table

	Scarlet Fever				Diphtheria				Whooping Cough			Measles			Puerperal Pyrexia	Acute Pneumonia	Erysipelas
	No. of Cases	Incidence per 1,000 population	No. of deaths	No. of cases	Incidence per 1,000 population	No. of Deaths	No. of cases	Incidence per 1,000 population	No. of cases	No. of deaths	No. of cases	Incidence per 1,000 population	No. of deaths				
	2	3	4	5	6	7	8	9	10		11	12	13		14	15	16
County of Merioneth	16	0.41	—	—	4	0.10	—	152	3.93	—	—	1	12	—	1
Total Urban Districts	8	0.46	—	—	1	0.05	—	66	3.82	—	—	—	4	—	1
Total Rural Districts	8	0.37	—	—	3	0.14	—	86	4.02	—	—	1	8	—	—
Urban Districts
Bala	1	0.64	—	—	—	—	—	49	31.61	—	—	—	—	—	—
Barmouth	2	0.86	—	—	—	—	—	6	2.59	—	—	—	—	—	—
Dolgellau	—	—	—	—	—	—	—	—	—	—	—	—	1
Ffestiniog	1	0.15	—	—	—	—	—	8	1.22	—	—	—	—	—	—
Towyn	4	0.91	—	—	—	—	—	3	0.68	—	—	—	4	—	—
Rural Districts
Deudraeth	1	0.15	—	—	1	0.15	—	51	7.64	—	—	—	7	—	—

TUBERCULOSIS

There was a decrease in the total number of cases of both Pulmonary and Non-pulmonary Tuberculosis on the register at the end of the year, although more new cases were notified than during the previous year. This is due to the fact that many cases were removed from the register during the year, as the Chest Consultant reported them as having recovered.

The total number of deaths from this disease during the year was only slightly more than half that for the previous year.

The following Table shows the number of cases on the register at the end of the year :—

	<i>Pulmonary</i>		<i>Non-pulmonary</i>	
	<i>Males</i>	<i>Females</i>	<i>Males</i>	<i>Females</i>
ala U.D.	8	4	—	—
armouth U.D.	8	5	—	—
olgellau U.D.	12	8	4	4
estiniog U.D.	62	47	2	3
owyn U.D.	8	12	5	10
endraeth R.D.	43	42	2	4
olgellau R.D.	34	23	3	2
leyrnion R.D.	16	11	6	6
allyn R.D.	7	2	2	1
			1	—
TOTAL	198	154	25	30

B.C.G. VACCINATION

226 children received B.C.G. vaccination during the year. In addition 63 were vaccinated as contacts at Consultant's clinics. 3 children had a skin test and 276 were found to be negative.

TABLE XXV

Showing the number of deaths from Tuberculosis in the several County Districts, with the "phthisis" death rate and the total tuberculosis rate per 1,000 of population.

	Deaths from Tuberculosis 1959		Death rates per 1,000 of population	
	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	Phthisis Death rate	Total Tuberculosis Death rate
Col. 1	2	3	4	5
County of Merioneth ..	4	—	0.10	0.10
Total Urban Districts ..	3	—	0.17	0.17
Total Rural Districts ..	1	—	0.04	0.04
Urban Districts :				
Bala	—	—	—	—
Barmouth	—	—	—	—
Dolgellau	—	—	—	—
Ffestiniog	3	—	0.45	0.45
Towyn	—	—	—	—
Rural Districts :				
Deudraeth	1	—	0.15	0.15
Dolgellau	—	—	—	—
Edeyrnion	—	—	—	—
Penllyn	—	—	—	—

TABLE XXVI

Showing the total Tuberculosis Death Rate for the decennial period 1950-1959

		Total Tuberculosis death rate per 1,000 of population										
Col. 1		1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	
		2	3	4	5	6	7	8	9	10	11	
County of Merioneth	..	0.57	0.49	0.39	0.49	0.37	0.50	0.34	0.15	0.21	0.10	
Total Urban Districts	..	0.86	0.62	0.46	0.80	0.52	0.86	0.52	0.23	0.41	0.17	
Total Rural Districts	..	0.35	0.38	0.34	0.26	0.26	0.22	0.21	0.09	0.05	0.04	
Urban Districts :												
Bala	..	—	—	—	—	—	0.66	—	—	—	—	
Barmouth	..	—	0.85	0.42	—	0.43	0.08	—	—	—	—	
Dolgellau	..	0.74	—	0.80	—	—	—	0.08	0.40	0.93	—	
Efestiniog	..	1.84	1.31	0.59	2.09	1.05	0.18	0.10	0.46	0.24	0.45	
Towyn	..	—	—	0.23	—	0.23	—	—	—	—	—	
Rural Districts :												
Deudraeth	..	0.29	0.14	0.44	0.44	0.45	0.15	0.06	0.30	—	0.15	
Dolgellau	..	0.11	0.43	0.21	0.22	0.23	0.44	0.10	—	—	—	
Edeyrnion	..	0.48	0.24	0.73	—	0.24	—	—	—	0.24	—	
Penllyn	..	1.07	0.71	—	0.36	—	—	—	—	—	—	

TABLE XXVII

Showing new cases of Tuberculosis and the total deaths from Tuberculosis in the County and the several districts

	Col. 1	NEW CASES				DEATHS			
		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
		Males	Females	Males	Females	Males	Females	Males	Females
		2	3	4	5	6	7	8	9
County of Merioneth	..	25	16	4	2	4	—	—	—
Total Urban Districts	..	16	6	2	2	3	—	—	—
Total Rural Districts	..	9	10	2	—	1	—	—	—
Urban Districts :									
Bala	..	2	1	—	—	—	—	—	—
Barmouth	..	—	1	—	1	—	—	—	—
Dolgellau	..	—	2	—	—	—	—	—	—
Ffestiniog	..	14	2	2	1	3	—	—	—
Towyn	..	—	—	—	—	—	—	—	—
Rural Districts :									
Deudraeth	..	2	2	—	—	1	—	—	—
Dolgellau	..	5	4	—	—	—	—	—	—
Edeyrnion	..	2	3	2	—	—	—	—	—
Penllyn	..	—	1	—	—	—	—	—	—

TABLE XXVIII

New cases and total deaths from Tuberculosis during the year 1959 in various age groups.

Age Periods		NEW CASES				DEATHS			
		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
		Males	Females	Males	Females	Males	Females	Males	Females
Col. 1		2	3	4	5	6	7	8	9
0—	..	—	—	—	—	—	—	—	—
1—	..	—	1	1	—	—	—	—	—
2—	..	1	1	—	—	—	—	—	—
5—	..	—	—	1	—	—	—	—	—
10—	..	—	1	1	1	—	—	—	—
15—	..	—	1	—	—	—	—	—	—
20—	..	—	1	—	1	—	—	—	—
25—	..	—	5	—	—	—	—	—	—
35—	..	3	1	—	—	—	—	—	—
45—	..	6	2	1	—	1	—	—	—
55—	..	8	1	—	—	—	—	—	—
65—	..	6	3	—	—	1	—	—	—
75—	..	1	—	—	—	2	—	—	—
TOTALS	.. ..	25	16	4	2	4	—	—	—

TABLE XXIX—FOOD AND DRUGS ACT, 1955

TABLE XXIX—FOOD AND DRUGS ACT, 1955									
Articles	Samples			Adulterated or not up to Standard		Nature of Adulteration or Irregularity	Observations and Particulars of Non-Genuine Samples		
	Formal	Informal	Total	Formal	Informal			Total	
Milk Milk—Appeal to Cow	98	67	165	21	—	21	(1)	% Fat	% S.N.F. F.P.°C
	3	—	3	—	—	—	(2)	4.3	8.3 -0.542
							(3)	5.0	8.4 -0.536
							(4)	4.65	8.4 -0.535
							(5)	3.55	8.4 -0.536
							(6)	4.0	8.4 -0.539
							(7)	3.65	8.4 -0.530
							(8)	4.3	8.25 -0.530
							(9)	4.0	7.6 -0.554
							(10)	3.2	8.2 -0.530
							(11)	4.3	7.1 -0.540
							(12)	3.6	8.35 -0.543
								Borderline F.P. but no definite evidence of added water.	
							(13)	3.8% fat.	8.3% S.N.F.
							(14)	2.6% fat.	8.3% S.N.F.
							(15)	2.8% fat.	8.5% S.N.F.
							(16)	2.7% fat.	9.0% S.N.F.
							(17)	F.P.—0.525°C.	
							(18)	1.5% fat.	8.85% S.N.F.
							(19)	2.7% fat.	8.9% S.N.F.
							(20)	2.75% fat.	9.0% S.N.F.
							(21)	2.8% fat.	9.0% S.N.F.
							(22)	Appeal to Cow Above std. for fat	4.0% fat. 8.4% S.N.F.
							(23)	Appeal to Cow Up to std. for fat	3.0% fat. 8.25% S.N.F.
							(24)	Appeal to Cow Up to std. for fat	-0.537°C F.P.
							(25)	7% deficient in fat.	3.0% fat. 8.6% S.N.F.
							(26)	Below for S.N.F. No added water F.P.	Fat 2.8 S.N.F. 8.3. F.P.—0.536°C.

Causes of death in the several County Districts 1959

RURAL DISTRICTS

CAUSE OF DEATH				Bala U.D.		Barmouth U.D.		Dolgellau U.D.		Ffestiniog U.D.		Towyn U.D.		Total Urban Districts		Deudraeth R.D.		Dolgellau R.D.		Edeyrnion R.D.		Penllyn R.D.		Total Rural Districts	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ALL CAUSES				13	8	16	24	14	20	52	59	21	31	116	142	49	48	49	50	32	35	13	11	143	144
1.	Tuberculosis, respiratory			—	—	—	—	—	—	3	—	—	—	3	—	1	—	—	—	—	—	—	—	1	—
2.	Tuberculosis, other			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3.	Syphilitic Disease			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4.	Diphtheria			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5.	Whooping Cough			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6.	Meningococcal Infection			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7.	Acute poliomyelitis			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8.	Measles			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9.	Other infective and parasitic diseases			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10.	Malignant neoplasm, stomach			—	1	—	—	1	—	1	5	—	—	2	6	1	3	2	1	1	—	—	2	4	6
11.	Malignant neoplasm lung, bronchus			1	—	2	—	—	—	2	—	1	—	6	—	4	—	4	—	—	—	—	—	8	—
12.	Malignant neoplasm breast			—	—	—	—	—	1	—	1	—	1	—	3	—	—	—	2	—	—	—	—	—	2
13.	Malignant neoplasm uterus			—	—	—	—	—	—	—	1	—	—	1	—	—	—	—	1	—	—	—	—	—	1
14.	Other malignant and lymphatic neoplasms			2	1	1	3	1	1	2	8	1	1	7	14	2	4	3	7	2	3	2	—	9	14
15.	Leukaemia, aleukaemia			—	—	—	—	—	—	—	1	—	—	—	1	1	—	—	1	—	—	—	—	2	1
16.	Diabetes			—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	1	—	—	2	1
17.	Vascular lesions of nervous system			—	2	3	3	2	7	10	11	3	5	18	28	9	17	8	4	3	14	—	1	20	36
18.	Coronary disease, angina			2	—	2	1	—	1	12	3	3	4	19	9	10	2	3	4	6	3	3	1	22	10
19.	Hypertension with heart disease			—	1	—	—	—	1	1	1	1	1	2	4	—	1	2	—	2	—	—	—	4	1
20.	Other heart disease			7	1	3	13	3	4	3	7	—	5	16	30	8	9	2	10	6	4	2	5	18	28
21.	Other circulatory disease			—	—	1	3	1	2	2	5	—	2	4	12	2	—	6	4	2	1	2	—	12	5
22.	Influenza			—	—	1	—	—	—	3	3	2	—	6	3	—	—	1	2	—	—	—	—	1	2
23.	Pneumonia			—	—	—	—	1	—	—	—	1	1	2	1	—	2	1	1	—	—	—	1	1	4
24.	Bronchitis			—	—	1	—	2	1	5	2	1	—	9	3	2	—	2	—	3	—	—	—	7	—
25.	Other diseases of respiratory system			—	1	—	—	—	—	1	—	1	1	2	2	—	1	—	—	—	—	1	—	1	1
26.	Ulcer of stomach and duodenum			1	—	1	—	—	—	1	—	—	—	3	—	—	—	—	1	2	—	—	—	2	1
27.	Gastritis, enteritis and diarrhoea			—	—	—	—	—	—	—	1	—	—	—	1	—	1	—	—	—	—	—	—	—	1
28.	Nephritis and nephrosis			—	—	—	1	1	—	1	1	—	—	2	2	1	1	3	—	—	—	—	—	4	1
29.	Hyperplasia of prostate			—	—	1	—	1	—	—	—	2	—	4	—	—	—	—	—	—	—	1	—	1	—
30.	Pregnancy, childbirth, abortion			—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1
31.	Congenital malformations			—	—	—	—	—	—	1	1	—	—	1	1	—	—	—	—	—	—	—	—	—	—
32.	Other defined and ill defined diseases			—	1	—	—	—	2	2	4	4	7	6	14	4	2	6	10	2	7	—	—	12	19
33.	Motor vehicle accidents			—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	1	—	—	2	—	4	1
34.	All other accidents			—	—	—	—	1	—	1	3	1	2	3	5	1	2	2	2	2	1	—	1	5	6
35.	Suicide			—	—	—	—	—	—	1	1	—	1	2	1	2	2	—	—	1	—	—	—	3	2
36.	Homicide and operations of war			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

